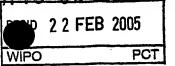
ENT COOPERATION TREATY **PCT**



INTERNATIONAL PRELIMINARY EXAMINATION REPORT (PCT Article 36 and Rule 70) 10/533704

Applicant's or agent's file reference AH:TJS:RS:FP18505	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416).					
International Application No.	International Filing Date (day/month/year)	Priority Date (day/month/year)				
PCT/AU2003/001457	5 November 2003	5 November 2002				
International Patent Classification (IPC) or national classification and IPC						
Int. Cl. ⁷ F21V 8/00, F21S 11/00						
Applicant						
UNIVERSITY OF TECHNOLOG	GY, SYDNEY et al	·				
	•					
1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and						
is transmitted to the applicant according	g to Article 36.					
2. This REPORT consists of a total of 4	sheets, including this c	over sheet.				
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been						
amended and are the basis for thi 70.16 and Section 607 of the Adr	s report and/or sheets co ninistrative Instructions	ntaining rectifications made before this Authority (see Rule under the PCT).				
These annexes consist of a total of	of sheet(s).					
3. This report contains indications relating	g to the following items:					
I X Basis of the report	I X Basis of the report					
II Priority	Priority					
III Non-establishment of op	on-establishment of opinion with regard to novelty, inventive step and industrial applicability					
IV Lack of unity of invention	ack of unity of invention					
V X Reasoned statement under citations and explanation	statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; and explanations supporting such statement					
VI Certain documents cited						
VII Certain defects in the int	the international application					
VIII X Certain observations on	the international application					
Date of submission of the demand	T,	Date of Completion of the complete of the comp				
16 March 2004		Date of completion of the report				
Name and mailing address of the IPEA/AU		Authorized Officer				
AUSTRALIAN PATENT OFFICE						
PO BOX 200, WODEN ACT 2606, AUSTRAI E-mail address: pct@ipaustralia.gov.au						
Facsimile No. (02) 6285 3929		JULIA HU				
		Telephone No. (02) 6283 2754				

I.	Basis of the report			
1.	1. With regard to the elements of the international application:*			
	X the international application as originally filed.			
	the description, pages, as originally filed,			
	pages, filed with the demand,			
	pages, received on with the letter of			
	the claims, pages, as originally filed,			
	pages , as amended (together with any statement) under Article 19,			
	pages, filed with the demand,			
	pages, received on with the letter of			
	the drawings, pages, as originally filed,			
	pages, filed with the demand,			
	pages, received on with the letter of			
	the sequence listing part of the description:			
	pages, as originally filed			
	pages , filed with the demand			
	pages, received on with the letter of			
2.	With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item. These elements were available or furnished to this Authority in the following language which is: the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).			
	the language of publication of the international application (under Rule 48.3(b)).			
	the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).			
3.	3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:			
	contained in the international application in written form.			
	filed together with the international application in computer readable form.			
	furnished subsequently to this Authority in written form.			
	furnished subsequently to this Authority in computer readable form.			
in the second	The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.			
	The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished			
4.	The amendments have resulted in the cancellation of:			
	the description, pages			
	the claims, Nos.			
	the drawings, sheets/fig.			
5.	This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**			
*	* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).			
**	** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report			

v.	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations
	and explanations supporting such statement

1. Statement				
Novelty (N)	Claims 1-23	YES		
	Claims .	NO		
Inventive step (IS)	Claims 1-23	YES		
	Claims	NO		
Industrial applicability (IA)	Claims 1-23	YES		
	Claims	NO		

2. Citations and explanations (Rule 70.7)

NOVELTY (N) AND INVENTIVE STEP (IS) claims 1-23

The invention of the claims is a light collector having a dye molecule concentration C, the dye molecules being dispersed in a light transmissive medium, the concentration C being selected to reduce attenuation that light will suffer due to re-absorption or scattering in the main emission wavelength range of the dye molecules so that the combined emission and absorption efficiency of the light collector is increased.

All the documents cited in the International Search Report were category A only. No individual citation or obvious combination of citations disclose or fairly suggest such a light collector. Therefore, the invention as claimed in the present claims is considered to be novel and inventive.

VIII. Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

Claim 1 appears to be claiming by result only. The present claim merely states that a dye molecule concentration C is selected so that the combined emission and absorption efficiency of the light collector is increased. However, there is no direction at all on how the concentration C (such as a value or a range) is actually selected or calculated, therefore, how the end result can materially be achieved is not clear.